

PATENT

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANT(S) Tsann Lin et al.

PATENT No.: 6,780,524 *b2*

ISSUE DATE: August 24, 2004

SERIAL No.: 10/066,835

FILING DATE: February 4, 2002

TITLE: *IN-SITU* OXIDIZED FILMS FOR USE AS GAP LAYERS
FOR A SPIN-VALVE SENSOR AND METHODS OF
MANUFACTURE

ATTY. DKT. No.: 1600.2.7

Certificate
SEP 29 2004
of Correction

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: *9/20/04*

By: *[Signature]*

BRIAN C. KUNZLER, Reg. No.: 38,527

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

ATTENTION: DECISION AND CERTIFICATE OF CORRECTION
BRANCH OF THE PATENT ISSUE DIVISION

REQUEST FOR CERTIFICATE OF CORRECTION

SIR:

The following errors, as more fully described below, appear in this patent.

☐ The Applicant submits that no fee is due for correction of the errors made by the Patent and Trademark Office; OR,

☒ The errors occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A

1 OCT 2004

09/24/2004 SS1TH1B1 00000016 502587 6780524
01 FC:1811 100.00 DA

Certificate of Correction is requested. Enclosed herewith is payment in the amount of \$100.00 to cover the fee for this Certificate of Correction.

Attached hereto are duplicate Forms PTO-1050, with at least one copy that is suitable for printing.

Applicant kindly requests the following changes:

Abstract

Line 6, "depositing a metallic films" should read - - depositing metallic films

Column 6

Line 9, "is anon-magnetic" should read - - is a non-magnetic

Column 13

Line 5, "mark. These two anneals After the" should read - - mark. After the

Column 14

Line 62, "2. Th spin-valve" should read - - 2. The spin-valve

Please send the Certificate to:

BRIAN C. KUNZLER
8 EAST BROADWAY, SUITE 600
SALT LAKE CITY, UTAH 84111

Respectfully submitted,
Brian C. Kunzler

Dated: 9/20/04

By: Brian C. Kunzler

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. :6,780,524 *B2*

DATED :August 24, 2004

INVENTOR(S) :Tsann Lin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Abstract

Line 6, "depositing a metallic films" should read - - depositing metallic films

Column 6

Line 9, "is anon-magnetic" should read - - is a non-magnetic

Column 13

Line 5, "mark. These two anneals After the" should read - - mark. After the

Column 14

Line 62, "2. Th spin-valve" should read - - 2. The spin-valve

MAILING ADDRESS OF SENDER:

KUNZLER & ASSOCIATES
8 East Broadway, Suite 600
Salt Lake City, Utah 84111

PATENT NO. 6,780,524 *B2*

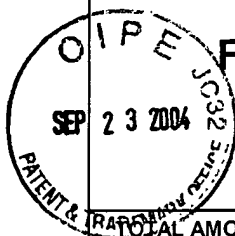
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FEE TRANSMITTAL

*Note: Effective October 1, 2001.
Patent fees are subject to annual revision.*

Complete If Known

Application Number	Not yet assigned
Filing Date	February 4, 2002
First Named Inventor	Tsann Lin
Group Art Unit	1773
Examiner Name	Kevin M. Bernatz
Attorney Docket Number	SJO920010058US1

TOTAL AMOUNT OF PAYMENT **\$ 100**

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 50-2587

Deposit Account Name: HITACHI CORPORATION

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

\$ 0

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
<input type="text"/> -20 =	<input type="text"/> x	<input type="text"/> 18 =	<input type="text"/>
Ind. Claims <input type="text"/> -3 =	<input type="text"/> x	<input type="text"/> 86 =	<input type="text"/>
Multiple Dep. Claims <input type="text"/>	<input type="text"/> 0 x	<input type="text"/> 290 =	<input type="text"/> 0

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim

SUBTOTAL (2)

\$ 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	130	Non-English specification	
1812	2520	1812	2520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1510	1451	1510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - intentional	
1453	1330	2453	665	Petition to revive - unintentional	
1501	1330	2501	665	Utility issue fee	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) Certificate of Correction

100

SUBTOTAL (3)

\$ 100

SUBMITTED BY

Typed or Printed Name Brian C. Kunzler

Signature Brian C. Kunzler

Date

Sep 20, 2004

Complete (if applicable)

Reg. Number 38,527

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450.

1 OCT 2004